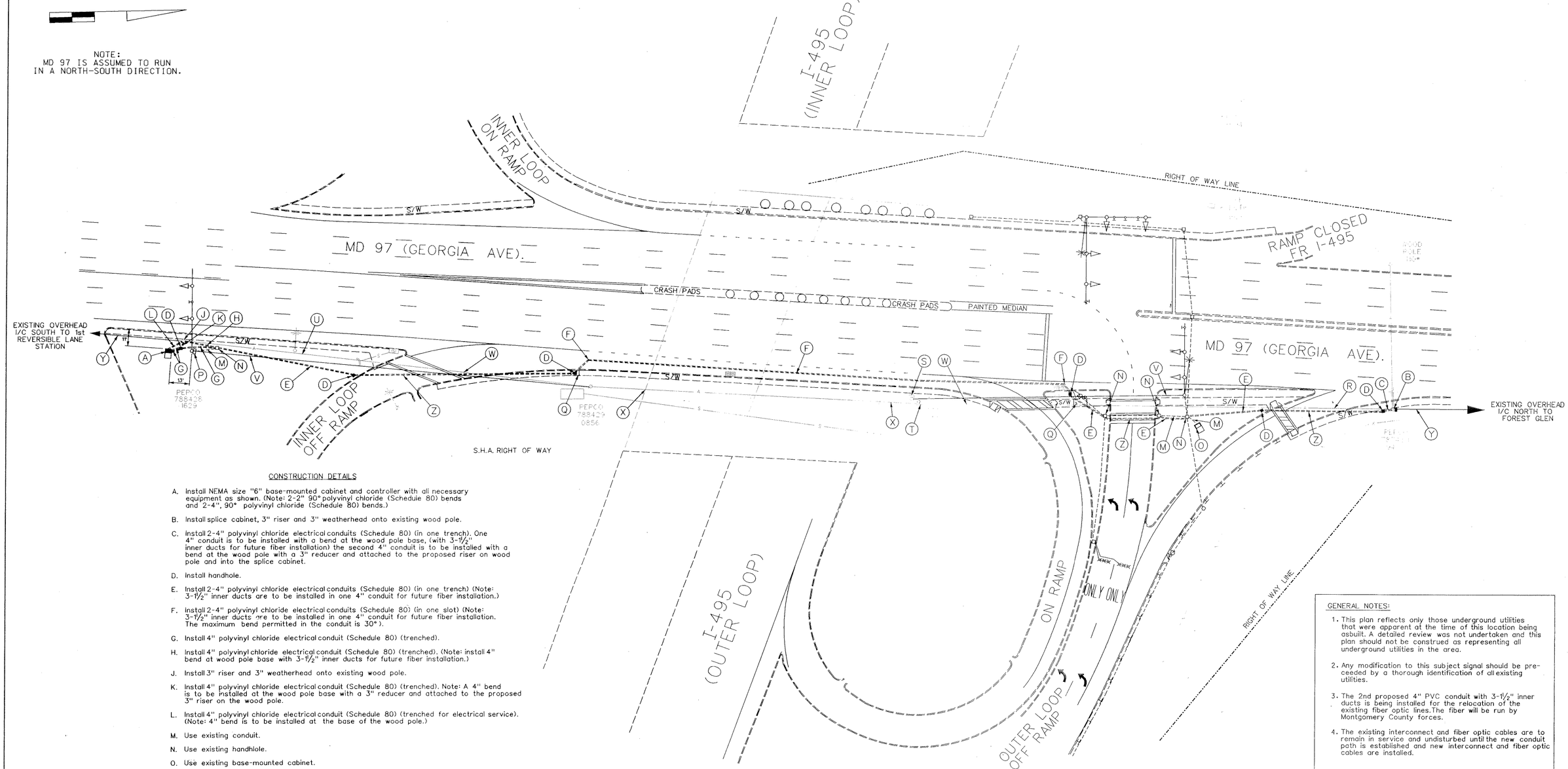
NOTE:
MD 97 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION.



CONSTRUCTION DETAILS

A. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 2-2" 90° polyvinyl chloride (Schedule 80) bends and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)

B. Install splice cabinet, 3" riser and 3" weatherhead onto existing wood pole.

C. Install 2-4" polyvinyl chloride electrical conduits (Schedule 80) (in one trench). One 4" conduit is to be installed with a bend at the wood pole base, (with 3-1½" inner ducts for future fiber installation) the second 4" conduit is to be installed with a bend at the wood pole with a 3" reducer and attached to the proposed riser on wood pole and into the splice cabinet.

D. Install handhole.

E. Install 2-4" polyvinyl chloride electrical conduits (Schedule 80) (in one trench) (Note: 3-1½" inner ducts are to be installed in one 4" conduit for future fiber installation.)

F. Install 2-4" polyvinyl chloride electrical conduits (Schedule 80) (in one slot) (Note: 3-1⅓" inner ducts are to be installed in one 4" conduit for future fiber installation. The maximum bend permitted in the conduit is 30°).

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched). (Note: install 4" bend at wood pole base with 3-1½" inner ducts for future fiber installation.)

J. Install 3" riser and 3" weatherhead onto existing wood pole.

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched). Note: A 4" bend is to be installed at the wood pole base with a 3" reducer and attached to the proposed 3" riser on the wood pole.

L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched for electrical service). (Note: 4" bend is to be installed at the base of the wood pole.)

M. Use existing conduit.

N. Use existing handhole.

O. Use existing base-mounted cabinet.

P. Use existing pole-mounted cabinet.

Q. Remove sidewalk section and replace in kind after the installation of the proposed handhole.

R. Cut existing overhead interconnect cable 30' south of PEPCO pole No. 787430-9405. Reroute down riser and into the proposed splice cabinet. Remove interconnect to the south.

S. Remove pedestal pole and pole-mounted cabinet. Remove all associated risers and electrical service.

T. Remove existing electrical service, pole-mounted cabinet and interconnect cable from existing PEPCO pole No. 788429-0374.

U. Cut existing overhead interconnect cable 60' north of PEPCO pole No. 788428-1629 reroute back to wood pole down riser and into the proposed base-mounted cabinet.

V. Remove existing span wire and all attached cables.

W. Remove existing overhead interconnect cable.

X. Remove existing overhead interconnect cable and existing span wire and all associated cable under bridge structure. (Note: Also remove the two (2) existing conduits under bridge structure.)

Y. Existing overhead interconnect cable to remain.

Z. Install 2-4" polyvinyl chloride electrical conduits (schedule 80) bored. (Note: 3 - 1½" innerducts are to be installed in one 4" conduit for future installation).

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
3. The 2nd proposed 4" PVC conduit with 3-1½" inner ducts is being installed for the relocation of the existing fiber optic lines. The fiber will be run by Montgomery County forces.
4. The existing interconnect and fiber optic cables are to remain in service and undisturbed until the new conduit path is established and new interconnect and fiber optic cables are installed.

INTERCONNECT RELOCATION PLAN

GEOMETRIC LEGEND
PROPOSED ———
EXISTING — — — —

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE —— A ——
ELECTRIC —— E —— E ——
TELEPHONE —— T —— T ——
GAS —— G —— G ——
SEWER —— S —— S ——
WATER —— W —— W ——
CABLE TV —— TV —— TV ——

STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
Ph (410) 859-3553
Fax (410) 859-3579

PTASK21.dgn

REVISIONS	APPROVALS
	10/1/99 ASST. CHIEF TEDD SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	10/1/99 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVE) AND I-495 RAMP

DRAWN BY: SB	COUNTY: MONTGOMERY	TS NO. TS-3636JC	SHEET NO. 1 OF 2
CHECK BY: RRZ 10-1-99	LOG MILE:		
DATE: 9-24-99	F.A.P. NO.	T.I.M.S. NO. -D445	
SCALE: 1" = 30'	S.H.A. NO MO97IAS1/BCT		